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(54) Electric traction drives

(57) Inventive embodiments are directed to components, subassemblies, systems, and/or methods for electric traction drives employing a continuously variable transmission (CVT) having a variator provided with a plurality of tilting traction planets (126) and opposing traction rings (130, 132). In one embodiment, an electric traction drive is provided with an electromotive device (122) configured to transfer power to or from a traction sun of a CVT. In other embodiments, an electric traction drive is provided with an electromotive device that couples to certain components of a CVT such as a traction ring, a carrier assembly, and a main axle. Various inventive shifting assemblies having shift cams and shift cam cages can be used to facilitate adjusting the transmission speed ratio of a CVT. Various related devices include embodiments of, for example, a power input apparatus, a speed ratio shifter, a shift cam actuator, a shift nut, and a carrier assembly configured to support the tilting traction planets.

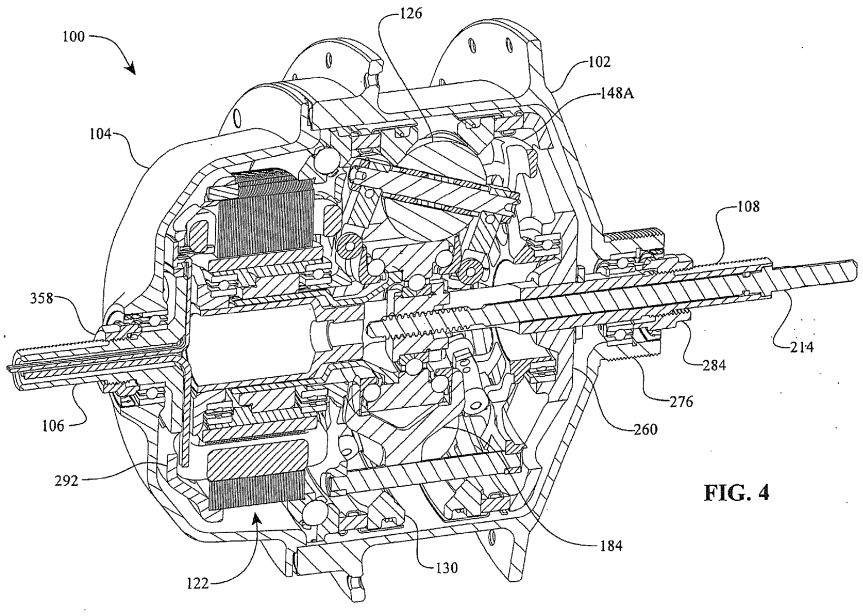

FIG. 4

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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	6 June 2017	Goeman, Frits

CATEGORY OF CITED DOCUMENTS

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